

From: Salbosa, Lasha-lynn
To: Cobb, Coralie H CIV NAVFAC SW, SWEV; Mustain, Jennifer L CIV SES OASN (EI&E), DASN IF&B; Powell, Jeffrey S CAPT OASN EI&E; Vavra, Randy CAPT OASN (EI&E), OAGC; Rice, Jacqueline D I&L, MCICOM; Scarborough, Jennifer CTR OASN (EI&E); Fountain, Matthew O CDR OASN (EI&E)
CC: (b) (6)
Sent: 2/1/2017 5:46:56 PM
Subject: [Non-DoD Source] Re: DON and FWS Consultation Call - Butterfly Technical Discussion

Thank you all for a productive call today.

Per our meeting: Coralie, attached is the GIS shape file for the Mariana eight spot butterfly species occurrence at Asiga Point, Guam. The attribute table contains additional metadata information. Please let us know should you have any questions or problems opening the file.

Lasha

On Tue, Jan 31, 2017 at 12:13 PM, Powell, Jeffrey S CDR OASN EI&E

<(b) (6)> wrote:

Agenda topics are provided below. Please let us know if you have any topics to add. Looking forward to our discussion tomorrow.

1. Discussion of additional known Mariana eight spot butterfly locations on Guam - The new information from Dr. Fiedler - northern part of HERA near Archies Cave, west of the refuge HQ along the base of the cliff at sea level, sea level east of the refuge HQ, several extensive patches around Lost Pond (Hilaan), along the shore at Tanguisson, large patches inland at Faifai beach (northern edge of Tumon Bay), patches near Taguan (1000 steps trail), next to the Mangilao golf course, large patches below the university, and the some at the hill overlooking Tagatchan beach in Yona (south of Pago Bay), and Asiga cave in Malojloj.
2. Review of DON Survey Data Final Results for Host Plants and species information (# of eggs, larvae, chrysalis and adults)
3. Discussion of Breeding Season for Mariana Eight-Spot (Action Item for DON from Portland meeting)
4. Conservation Measures (which include BMPs)
 - Forest Enhancement
 - Fencing
 - Ungulate Control
 - Eradication of invasive species
 - Outplanting of native forest species, to include of host plants in forest enhancement areas
 - LFTRC Perimeter Fence with Ungulate management
 - Host Plant Avoidance - "cookie bite"
 - Re-vegetating the MPMG berm
 - Fencing access to Haputo and interpretive signs
 - Contractor education
 - Fire Management
5. Discussion of Potential Terms and Condition Options
 - Re-vegetating berm with host plants
 - Salvage of host plant parts with life stages attached, translocation and grafting of host plant part to nearby same species host plant to support natural development of the life stage

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